

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled).
2. (Canceled).
3. (Canceled).
4. (Canceled).
5. (Currently Amended) A spread spectrum communication system comprising:
a receiving unit configured to receive a communication quality of a communication channel between an equipment and a counterpart equipment; and
a control ~~means for controlling~~ unit configured to control a transmission band width and a transmission power of a counterpart equipment depending upon **[[a]]** said communication quality,
wherein when said communication quality is not degraded below a predetermined level and the transmission power is not minimum, the transmission power is lowered.
6. (Canceled).
7. (Currently Amended) A spread spectrum communication system comprising:
a receiving unit configured to receive a communication quality of a communication channel between an equipment and a counterpart equipment; and
a control ~~means for controlling~~ unit configured to control a transmission band width and a transmission power of a counterpart equipment depending upon **[[a]]** said communication quality,
wherein when said communication quality is not degraded below a predetermined level and the transmission power is minimum, and when a vacant band is present in a narrower band than a currently used frequency band, the frequency band is varied to narrower band.

8. (Currently Amended) A spread spectrum communication system comprising:
a receiving unit configured to receive a communication quality of a communication channel between an equipment and a counterpart equipment; and
a control means for controlling unit configured to control a transmission band width and a transmission power of a counterpart equipment depending upon **[[a]]** said communication quality,

wherein said communication quality is classified into three levels depending upon degree, when said communication quality is in medium level, and
wherein said control unit varies the transmission band width in preference to varying the transmission power.

9. – 13. (Canceled).

14. (Currently Amended) A spread spectrum communication method comprising ~~control step of:~~

receiving, by an equipment engaged in communications with a counterpart equipment, a communication quality of a communication channel used for the communications between the equipment and the counterpart equipment; and

controlling a transmission band width and a transmission power of a counterpart equipment depending upon **[[a]]** said communication quality,

wherein when said communication quality is degraded below a predetermined level, said control step varies a transmission band to a wider frequency band when a vacant band is present in a wider band than a currently used frequency band, and

wherein said control unit varies the transmission band width in preference to varying the transmission power.

15. (Currently Amended) A spread spectrum communication method comprising ~~control step of:~~

receiving, by an equipment engaged in communications with a counterpart equipment, a communication quality of a communication channel used for the communications between the equipment and the counterpart equipment; and

controlling a transmission band width and a transmission power of a counterpart equipment depending upon [[a]] said communication quality,

wherein when said communication quality is degraded below a predetermined level, said control step increases a transmission power when a vacant band is not present in a wider band than a currently used frequency band, and

wherein said control step varies the transmission band width in preference to varying the transmission power.

16. (Currently Amended) A spread spectrum communication method comprising ~~control step of:~~

receiving, by an equipment engaged in communications with a counterpart equipment, a communication quality of a communication channel used for the communications between the equipment and the counterpart equipment; and

controlling a transmission band width and a transmission power of a counterpart equipment depending upon [[a]] said communication quality,

wherein when said communication quality is not degraded below a predetermined level and the transmission power is not minimum, the transmission power is lowered.

17. (Currently Amended) A spread spectrum communication method comprising ~~control step of:~~

receiving, by an equipment engaged in communications with a counterpart equipment, a communication quality of a communication channel used for the communications between the equipment and the counterpart equipment; and

controlling a transmission band width and a transmission power of a counterpart equipment depending upon [[a]] said communication quality,

wherein when said communication quality is not degraded below a predetermined level and the transmission power is minimum, and when a vacant band is not present in a narrower band than a currently used frequency band, the current frequency band and transmission power are maintained, and

wherein said control step varies the transmission band width in preference to varying the transmission power.

18. (Currently Amended) A spread spectrum communication method comprising ~~control step of:~~

receiving, by an equipment engaged in communications with a counterpart equipment, a communication quality of a communication channel used for the communications between the equipment and the counterpart equipment; and

controlling a transmission band width and a transmission power of a counterpart equipment depending upon ~~[[a]]~~ said communication quality,

wherein when said communication quality is not degraded below a predetermined level and the transmission power is minimum, and when a vacant band is present in a narrower band than a currently used frequency band, the frequency band is varied to narrower band.

19. (Currently Amended) A spread spectrum communication method comprising ~~control step of:~~

receiving, by an equipment engaged in communications with a counterpart equipment, a communication quality of a communication channel used for the communications between the equipment and the counterpart equipment; and

controlling a transmission band width and a transmission power of a counterpart equipment depending upon ~~[[a]]~~ said communication quality,

wherein said communication quality is classified into three levels depending upon degree, when said communication quality is in medium level, said control step maintains current frequency band and transmission power, and

wherein said control step varies the transmission band width in preference to varying the transmission power.

20. – 22. (Canceled).

23. (Currently Amended) A spread spectrum communication system comprising:
a receiving unit configured to receive a communication quality of a communication channel between an equipment and a counterpart equipment; and

a control ~~means for controlling~~ unit configured to control a transmission band width and a transmission power of a counterpart equipment depending upon [[a]] said communication quality,

wherein when said communication quality is degraded below a predetermined level, said control ~~means~~ unit varies the transmission band width in preference to varying the transmission power.

24. (Currently Amended) A spread spectrum communication method comprising ~~control step of:~~

receiving, by an equipment engaged in communications with a counterpart equipment, a communication quality of a communication channel used for the communications between the equipment and the counterpart equipment; and

controlling a transmission band width and a transmission power of a counterpart equipment depending upon [[a]] said communication quality,

wherein when said communication quality is degraded below a predetermined level, said control step varies the transmission band width in preference to varying the transmission power.

25. (New) A spread spectrum communication system according to claim 5, wherein, when the transmission band width is varied, a bit number of an error correction code used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.

26. (New) A spread spectrum communication system according to claim 7, wherein, when the transmission band width is varied, a bit number of an error correction code used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.

27. (New) A spread spectrum communication system according to claim 8, wherein, when the transmission band width is varied, a bit number of an error correction code used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.

28. (New) A spread spectrum communication method according to claim 14, wherein, when the transmission band width is varied, a bit number of an error correction code used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.

29. (New) A spread spectrum communication method according to claim 15, wherein, when the transmission band width is varied, a bit number of an error correction code used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.

30. (New) A spread spectrum communication method according to claim 16, wherein, when the transmission band width is varied, a bit number of an error correction code used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.

31. (New) A spread spectrum communication method according to claim 17, wherein, when the transmission band width is varied, a bit number of an error correction code used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.

32. (New) A spread spectrum communication method according to claim 18, wherein, when the transmission band width is varied, a bit number of an error correction code used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.

33. (New) A spread spectrum communication method according to claim 19, wherein, when the transmission band width is varied, a bit number of an error correction code used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.

34. (New) A spread spectrum communication system according to claim 23, wherein, when the transmission band width is varied, a bit number of an error correction code

used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.

35. (New) A spread spectrum communication method according to claim 24, wherein, when the transmission band width is varied, a bit number of an error correction code used in signal transmission between the equipment and the counterpart equipment is changed from a current bit number.